

What is claimed is:

- 1    1. A gear drive housing having at least one continuously variable adjustment system
- 2    with an integral seal carrier for a bearing assembly on a drive shaft that protrudes from
- 3    the housing that comprises:
- 4    a threaded housing bore in the housing;
- 5    a threaded adjustment ring with ring threads that mate the housing bore and a thrust
- 6    surface that constrains a bearing assembly for a drive shaft that protrudes through the
- 7    adjustment ring; and
- 8    at least one shaft seal mating with the drive shaft mounted within the adjustment ring.